

AMENDMENTS TO THE CLAIMS

1. (Currently Amended) A method of applying viscous medium on a substrate, said method comprising the steps of:

providing the substrate arranged for mounting of electronic components thereon;
screen printing predetermined amounts of a viscous medium on predetermined positions on the substrate;

add-on jetting of predetermined additional amounts of ~~viscous medium~~ solder paste on predetermined positions on the screen printed substrate; and

determining the predetermined additional amounts and predetermined positions of the add-on jetting prior to screen printing,

wherein the add-on jetting is non-contact dispensing and the add-on jetting ~~viscous medium~~ solder paste is still in viscous form during the add-on jetting.

2. (Currently Amended) The method according to claim 1, further comprising the steps of:

inspecting the results of said screen printing and add-on jetting;

determining errors of said screen printing and add-on jetting based on said ~~inspection~~:
inspection;

determining whether correction is required; and

correcting, if correction is required, at least some of said errors,

wherein said correction comprises supplemental jetting of additional ~~viscous medium~~ solder paste onto the screen printed substrate.

3. (Currently Amended) The method according to claim 1, further comprising the steps of:

inspecting the results of said screen printing prior to said add-on jetting;

determining errors of said screen printing based on said inspection;

determining whether correction is required; and

correcting, if correction is required, at least some of said errors,

wherein said correcting comprises supplemental jetting of additional ~~viscous-medium~~ solder paste onto the screen printed substrate.

4. (Original) The method according to claim 3, wherein said supplemental jetting is performed in connection with performing said add-on jetting.

5. (Original) The method according to claim 2 or 3, wherein said add-on jetting and said supplemental jetting is performed by a single jetting device.

6. (Original) The method according to claim 2 or 3, wherein said step of correcting comprises the step of removing amounts of viscous medium from positions on the substrate.

7. (Original) The method according to claim 2 or 3, wherein said step of determining errors comprises the step of evaluating all of the determined errors and deciding on whether the determined errors shall be corrected.

8-18. (Cancelled)

19. (Currently Amended) A method of applying viscous medium on a substrate, said method comprising the steps of:

providing the substrate arranged for mounting of electronic components thereon;

screen printing a viscous medium onto the substrate;

jetting additional ~~viscous-medium~~ solder paste onto the screen printed substrate; and

determining the amount and location of the additional ~~viscous-medium~~ solder paste prior to screen printing,

wherein the jetting of additional ~~viscous-medium~~ solder paste is non-contact dispensing and the additional ~~viscous-medium~~ solder paste is still in viscous form during the jetting of additional ~~viscous-medium~~ solder paste.

20. (Currently Amended) A method of applying additional ~~viscous-medium~~ solder paste on a substrate that has been screen printed with viscous medium, said method comprising the step of:

providing the substrate that has been screen printed with viscous medium arranged for mounting of electronic components thereon;

jetting additional ~~viscous-medium~~ solder paste onto the substrate; and

determining the amount and location of the additional ~~viscous-medium~~ solder paste prior to screen printing,

wherein the jetting of additional ~~viscous-medium~~ solder paste is non-contact dispensing and the additional ~~viscous-medium~~ solder paste is still in viscous form during the jetting of additional ~~viscous-medium~~ solder paste.

21-30. (Canceled)

31. (Previously Presented) The method according to claim 1, wherein said step of add-on jetting includes the step of jetting individual droplets at said predetermined positions on the screen printed substrate.

32-33. (Canceled)

34. (Currently Amended) The method according to claim 31, wherein each of the individual droplets of ~~viscous-medium~~ solder paste are of a predetermined volume.

35-38. (Canceled)

39. (Currently Amended) A method of applying viscous medium on a substrate, said method comprising the steps of:

providing the substrate arranged for mounting of electronic components thereon;

screen printing predetermined amounts of a viscous medium on predetermined positions on the substrate; and

add-on jetting of individual droplets of ~~viscous medium~~ solder paste on predetermined positions on the screen printed substrate; and

determining the predetermined positions of the add-on jetting prior to screen printing, wherein the add-on jetting is non-contact dispensing and the add-on jetting ~~viscous medium~~ solder paste is still in viscous form during the add-on jetting.

40. (Canceled)

41. (Previously Presented) A method of applying viscous medium on a substrate, said method comprising the steps of:

providing the substrate arranged for mounting of electronic components thereon;
screen printing predetermined amounts of a viscous medium on predetermined positions on the substrate; and

add-on jetting of solder paste on predetermined positions on the screen printed substrate;
and

determining the predetermined positions of the add-on jetting prior to screen printing, wherein the add-on jetting is non-contact dispensing and the add-on jetting solder paste is still in viscous form during the add-on jetting.

42. (Canceled)

43. (Previously Presented) The method according to claim 1, 19, 20, 39 or 41, further comprising the step of mounting electronic components on the substrate.

44. (Previously Presented) The method according to claims 1, 19, 20, 39 or 41, wherein at least some of said jetting is performed onto positions on the screen printed substrate already provided with viscous medium through said screen printing.